

Title (en)

MULTI-LAYER STRUCTURE SUITABLE FOR USE AS A REFLECTOR

Title (de)

ZUR VERWENDUNG ALS REFLEKTOR GEEIGNETER MULTILAGENAUFBAU

Title (fr)

STRUCTURE MULTICOUCHE APPROPRIÉE POUR ÊTRE UTILISÉE EN TANT QUE RÉFLECTEUR

Publication

**EP 4251423 A1 20231004 (DE)**

Application

**EP 21811393 A 20211125**

Priority

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- EP 2021082972 W 20211125

Abstract (en)

[origin: WO2022112405A1] The invention relates to a filler-containing multi-layer structure on the basis of a polycarbonate composition, having a metal layer as a reflective layer and having a balanced property profile of CLTE, CLTE ratio, heat conductivity and lustre. This multi-layer structure can be used, inter alia, for reflectors or as a mirror element in head-up displays. Expanded graphite and burned silicon dioxide are contained as fillers. In the composition provided according to the invention, there is no need for an additional heat sink when implementing the component.

IPC 8 full level

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